

AMENDMENT TO THE CLAIMS

1. (Amended) A composition for livestock feed, comprising
a feed for livestock and

B1 0.05 to 5% by weight per feed weight of an additive mixture, wherein said additive
mixture comprises at least two additives selected from the group consisting of a nucleic acid,
a nucleotide, a nucleoside, glutamine and glutamic acid, and

wherein in said additive mixture, when present, the nucleic acid is added in an amount
of 0.01 to 2.5% by weight per feed weight, when present, the glutamine is added in an amount
of 0.05 to 2.5% by weight per feed weight, and, when present, the glutamic acid is added in
an amount of 0.05 to 2.5% by weight per feed weight.

2. (Original) The composition according to claim 1, wherein the feed for livestock is
selected from the group consisting of a milk replacer, a pre-starter feed and a starter feed.

[3. (Canceled)]

3.4. (Original) A method for increasing body weight gain efficiency and feed efficiency
in livestock, comprising administering the composition for livestock feed of claim 1 to
livestock.

4.5. (Original) The method according to claim ³~~4~~, wherein the composition is
administered in the weaning period.

5.6. (Previously Added) The composition according to claim 1, wherein said livestock
is selected from the group consisting of a cattle, a swine, a chicken, a horse, a turkey, a sheep,
and a goat.

B2 6.7. (Previously Added) The composition according to claim 1, wherein said nucleic
acid is a deoxyribonucleic acid or a ribonucleic acid.

7.8. (Presently Amended) The composition according to claim 1, wherein said nucleic acid, nucleotide, or nucleoside is selected from the group consisting of a polynucleotide, a nucleoside, a purine base, and a pyrimidine base.

8.9. (Presently Amended) The composition according to claim 1, wherein said nucleic acid, nucleotide, or nucleoside is selected from the group consisting of an adenosine monophosphate, a guanosine monophosphate, cytidine monophosphate, a uridine monophosphate, a thymidine monophosphate, an inosine monophosphate, adenine, guanine, cytosine, uracil and thymine.

9.10. (Previously Added) The composition according to claim 1, wherein said feed is selected from the group consisting of a cereal, soybean meal, isolated soybean protein, isolated soybean oil, isolated soybean fat, skimmed milk, fish meal, meat meal, bone meal, blood meal, blood plasma protein, whey, rice bran, wheat bran, a sweetener, a mineral, a vitamin, salt, and grass.

10.11. (Previously Added) The composition according to claim 1, wherein said feed is a cereal.

11.12. (Previously Added) The composition according to claim 11, wherein said cereal is selected from the group consisting of corn, barley, wheat, rye, sorghum, soybean, yellow powdered soybean.

12.13. (Presently Amended) The method according to claim 3, wherein the daily dose of the nucleic acid, nucleotide, or nucleoside ranges from 0.01 to 2.5 g/day per kg body weight of the animal.

13.14. (Presently Amended) The method according to claim 3, wherein the daily dose of the nucleic acid, nucleotide, or nucleoside ranges from 0.05 to 1.0 g/day per kg body weight of the animal.

~~14~~ 15. (Previously Added) The method according to claim ~~4~~³, wherein the daily dose of the glutamine or glutamic acid ranges from 0.05 to 2.5 g/day per kg body weight of the animal.

~~15~~ 16. (Previously Added) The method according to claim ~~4~~³, wherein the daily dose of the glutamine or glutamic acid ranges from 0.5 to 2.0 g/day per kg body weight of the animal.

~~16~~ 17. (Presently Amended) The method according to claim ~~5~~⁴, wherein the daily dose of the nucleic acid, nucleotide, or nucleoside ranges from 0.01 to 2.5 g/day per kg body weight of the animal.

~~17~~ 18. (Presently Amended) The method according to claim ~~5~~⁴, wherein the daily dose of the nucleic acid, nucleotide, or nucleoside ranges from 0.05 to 1.0 g/day per kg body weight of the animal.

~~18~~ 19. (Previously Added) The method according to claim ~~5~~⁴, wherein the daily dose of the glutamine or glutamic acid ranges from 0.05 to 2.5 g/day per kg body weight of the animal.

~~19~~ 20. (Previously Added) The method according to claim ~~5~~⁴, wherein the daily dose of the glutamine or glutamic acid ranges from 0.5 to 2.0 g/day per kg body weight of the animal.

SUPPORT FOR THE AMENDMENT

Claims 1, 8-9, 13-14, 17-18 has been amended.

The amendment of Claims 1, 8-9, 13-14, 17-18 is supported by the original claims and specification as filed.

No new matter is believed to have been added by these amendments.